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Sent: Friday, October 18, 2019 5:17 PM
To: Delcore, Lee R - DNR; Wentland, Thomas A - DNR
Cc: Paulo Antunes; Mafizul Islam, P.E.
Subject: 10/18 Weekly update- Moss American
Attachments: IMG_0061.jpg; IMG_0066.jpg; IMG_0067.jpg; All_Attachments().pdf(3)

Follow Up Flag: Follow up
Flag Status: Completed

Good afternoon,

We have been making progress on Tasks 2, 3, and 6 this week. Here is a summary of work (also I included last week's update for your convenience at the very bottom of this email):

Task 2 – Quarterly Monitoring: We've begun compiling data obtained in the field to write the first Quarterly Report. At this point, all the field work for groundwater sampling has been completed. Groundwater analytical results came in from the monitoring wells that were sampled in the first week of October. We expect the remainder of the analytical results sometime next week.

Task 3 – Railroad Property work: UPC mobilized on site this week and began breaking up the asphalt pad and hauling it off-site.

Task 6 – Remedial System Sheet Pile Removal: The southern most section of remedial sheet pile was exposed on Wednesday, the section from approximately MW-31S to TG2-3, or south of Gate 2 (see picture IMG_0061.jpg, facing north). UPC began cutting on Thursday afternoon, and cut about 80 feet that day. On picture IMG_0066.jpg, you can see the dark/black line on the sheet pile to the right of Javier, just above the water. That is the cut line. There is more water in the northern portion of the exposed sheet pile (lower elevation) such that UPC will pump the water prior to cutting. You can see on picture IMG_0067.jpg that the cut line is 28 inches below the top of the sheet pile.

Work planned for next week: Sigma will continue compiling data for the first Quarterly Report. UPC will continue to demo the asphalt and concrete pads. UPC plans to complete the cutting of the sheet pile in the first section, and begin backfilling. They will move onto the next section of sheet pile.

Two questions and a comment:

1. Here is my plan for verifying that we are cutting 2 feet below ground surface: I plan to walk and document the sheet pile stick up in each section prior to any digging. Then when the cutting begins, UPC will make sure to cut two feet plus the length of any stick up below the top of the sheet pile. If the sheet pile is at the ground surface, then UPC will cut two feet from the top of the sheet pile. Is this plan acceptable?
2. UPC plans to bring a dozer to assist with the clean up of the 4.5 acres of debris. While collecting the garbage, rough grading of that property may occur. This will make it easier for them to make sure all wastes are collected, and will not impact the price. Is this ok with you?

Comment: Manifests should be delivered today to Tom for the waste profiles for investigative wastes of soil and groundwater. Tom, please sign and return to Veolia, or to me if that is easier. I am arranging for the pick up of the soil and groundwater that was generated from the monitoring well installation and groundwater sampling.

Lee and I are meeting on Wednesday for file review.

Please let me know if you have any questions. Thank you,

Andrea Lorenz

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Last week's email:

Good afternoon Tom and Lee,

This week, we made good progress on sampling the groundwater monitoring wells that are located on the main property. One batch of samples was sent to the lab last Friday and the remaining main property samples will be sent today. However, two wells were obstructed: MW-27S was filled with clay or sand and PZ-07 was obstructed just below the ground surface. These two points could not be sampled.

We were able to locate 9 of the 11 river reach wells- MW-A – MW-K. It was slow going due to vegetation and water. Here is a brief report:

MW-A: located and sampled

MW-B: located and appears that we can sample

MW-C: located and appears that we can sample

MW-D: not located due to access issue (due to wet conditions our only access appears to be by crossing the railroad tracks.)

MW-E: located. There was water above the top of casing and within the flushmount.

MW-F: located but in poor condition. The flushmount cap was a few feet away from the well and the well was open to surface water.

MW-G: located and under water

MW-H: located and appears that we can sample

MW-I: not located. The GPS coordinates pointed to a direction that seemed unlikely to have a well- i.e., it appeared that the well was in the river

MW-J: located and appears that we can sample

MW-K: located and under water.

In general the expandable caps were loose and conditions are extremely unsuitable for sampling. We haven't yet sampled MW-B – MW-K. Would you have some time next week to discuss sampling plans

for this in light of their current conditions? Also we could discuss access of MW-D. I keep hoping the rain will stop and allow for better access but the weather does not seem to be cooperating.

I am moving forward with preparation of the quarterly monitoring report so we can get data to you as soon as we get it.

We will be mobilizing on site on Monday to begin the demo work.

Thank you and please let me know if you have any questions.



IMG_0061.jpg



